AMENDMENTS TO THE CLAIMS

1-18 (canceled)

19 (currently amended) A SAW filter comprising:

a piezoelectric substrate;, and at least two

a first inter-digital transducertransducers having a first comb-shaped electrode with electrode fingers, disposed along ain proximity to each other on the same surface acoustic wave propagation path on saidthe piezoelectric substrate, said first inter-digital transducer having a resonance frequency and being connected serially in a signal path;

a second inter-digital transducer having a second comb-shaped electrode with electrode fingers, disposed in proximity to said first inter-digital transducer and along the surface acoustic wave propagation path, said second inter-digital transducer being connected between the signal path and a ground, having a resonance frequency different from said resonance frequency of said first inter-digital transducer;

a first reflector electrode disposed on an outermost side of said first inter-digital transducer;

a second reflector electrode disposed on an outermost side of said second interdigital transducer; and

a strip line electrode disposed between said first inter-digital transducer and said second inter-digital transducer so that said electrode fingers of said first inter-digital transducer, said strip line electrode, and said electrode fingers of said second inter-digital transducer are arranged almost continuously;

wherein at least one of the inter-digital transducers is a first inter-digital transducer connected serially to a signal path, and at least one is a second inter-digital transducer connected between the signal path and a ground.

wherein the first inter-digital transducer and the second inter-digital transducer are different in resonance frequency, and the first inter-digital transducer and the second inter-digital transducer are formed by such a configuration that electrode fingers of comb-shaped electrodes configuring inter-digital transducers are arranged almost continuously;

wherein an electrode finger of said electrode fingers of saidin the first inter-digital transducer; that iswhich are the closest to saidthe second inter-digital transducer; and an electrode finger of said electrode fingers of saidin the second inter-digital transducer; that iswhich are the closest to saidthe first inter-digital transducer; determine eonfigure peaks and troughs of surface acoustic waves along said surface acoustic surface wave propagation path, and

wherein said first comb-shaped electrodeelectrodes and said second comb-shaped electrode are connected in common on the side having the electrode fingers of the comb-shaped electrodes which configure the first inter-digital transducer and the second inter-digital transducer, and

wherein a <u>polarity of saidthe</u> first inter-digital transducer and <u>a polarity of saidthe</u> second inter-digital transducer fall in reversed phases <u>from</u> each other <u>relative to surface</u> <u>acoustic waves along said surface acoustic wave propagation path, and</u>

wherein a pitch of said electrode fingers of said strip line electrode is between a pitch of said electrode fingers of said first inter-digital transducer and a pitch of said electrode fingers of said second inter-digital transducer.

20 (currently amended) The SAW filter of Claim 19,

wherein <u>said</u> resonance <u>frequency</u> frequencies of <u>said</u> the first inter-digital transducer and <u>said resonance frequency of said</u> the second inter-digital transducer are set <u>so as to obtainup to frequency necessary for obtaining</u> a preset filter characteristic.

21 (currently amended) The SAW filter of Claim 20,

wherein <u>said</u> resonance frequency of <u>saidthe</u> first inter-digital transducer is nearly matched with <u>an</u> anti-resonance frequency of <u>saidthe</u> second inter-digital transducer.

22-24 (canceled)

25 (currently amended) The SAW filter of Claim 19.

wherein at least one of said first#he inter-digital transducer and said second interdigital transducer includes one or moretransducers, which configure the SAW filter, are of a configuration including dummy electrodes.

26 (currently amended) The SAW filter of Claim 19, further comprising wherein

a third inter-digital transducer, which is connected between the signal path and a ground, is arranged in proximity to said first inter-digital transducer and on a side of said first inter-digital transducerum opposite side to said such a side that the second inter-digital transducer is arranged in proximity to the first inter-digital transducer.

27 (currently amended) The SAW filter of Claim 26,

wherein <u>a</u> resonance frequency of <u>saidthe</u> third inter-digital transducer is different from <u>said</u> resonance frequency of <u>saidthe</u> first inter-digital transducer.

28 (currently amended) The SAW filter of Claim 19, further comprisingwherein

a fourth inter-digital transducer, which is connected serially to the signal path, is arranged in proximity to said second inter-digital transducer and on a side of said second inter-digital transducer and on a side of said second inter-digital transducer and opposite side to said such a side that the first inter-digital transducer is arranged in proximity to the second inter-digital transducer.

29 (currently amended) The SAW filter of Claim 28,

wherein <u>a</u> resonance frequency of <u>saidthe</u> fourth inter-digital transducer is different from said resonance frequency of <u>saidthe</u> second inter-digital transducer.

30 (currently amended) A SAW filter <u>having SAW elements connected in multiple</u>
stages and using saidconfigured in such a manner that the SAW filter of Claim 19 is used
as <u>at least</u> one SAW element and the elements are connected in multiple stages.

31 (currently amended) A SAW filter comprising:

a piezoelectric substrate;, and at least two

a first inter-digital transducertransducers having a first comb-shaped electrode with electrode fingers, disposed along ain proximity to each other on the same surface acoustic wave propagation path on saidthe piezoelectric substrate, said first inter-digital transducer having a resonant frequency and being connected serially in a signal path;

a second inter-digital transducer having a second comb-shaped electrode with electrode fingers, disposed in proximity to said first inter-digital transducer and along the surface acoustic wave propagation path, said second inter-digital transducer being connected between the signal path and a ground, having a resonant frequency different from said first inter-digital transducer;

a first reflector electrode disposed on an outermost side of said first inter-digital transducer;

a second reflector electrode disposed on an outermost side of said second interdigital transducer; and

a strip line electrode disposed between said first inter-digital transducer and said second inter-digital transducer so that said electrode fingers of said first inter-digital transducer, said strip line electrode, and said electrode fingers of said second inter-digital transducer are arranged almost continuously;

wherein at least one of the inter-digital transducers is a first inter-digital transducer connected serially to a signal path, and at least one is a second inter-digital transducer connected between the signal path and a ground, and the first inter-digital transducer and the second inter-digital transducer are different in resonance frequency, and the first inter-digital transducer and the second inter-digital transducer are formed by such a configuration that electrode fingers of comb-shaped electrodes configuring inter-digital transducers are arranged almost continuously, and

wherein a pitch of plural electrode fingers, which are arranged in a boundary area of saidthe first inter-digital transducer is different from a pitch of electrode fingers in a center area of said first inter-digital transducer, and

wherein a pitch of electrode fingers in a boundary area of saidthe second interdigital transducer; is differentiated from a pitch of electrode fingers which are arranged in grespective center areaeroes of said second inter-digital transducer, and wherein a pitch of said electrode fingers of said strip line electrode is between a pitch of said electrode fingers of said first inter-digital transducer and a pitch of said electrode fingers of said second inter-digital transducer.

32 (currently amended) The SAW filter of Claim 31,

wherein weighting is applied to at least one of <u>said first</u>the inter-digital <u>transducer</u> and <u>said second inter-digital transducer</u>transducers which configure the SAW filter.

33 (currently amended) The SAW filter of Claim 32,

wherein <u>said weighting is applied using an</u> apodized weighting method-is applied to at least one of the inter-digital transducers which configure the SAW filter.

34 (currently amended) The SAW filter of Claim 32,

wherein <u>a</u> withdrawal weighting method is applied to at least one of <u>said first#he</u> inter-digital <u>transducer and said second inter-digital transducertransducers which configure the SAW filter.</u>

35 (currently amended) The SAW filter of Claim 31,

wherein at least one of said firstthe inter-digital transducer and said second interdigital transducer includes one or moretransducers, which configure the SAW filter, are of a configuration including dummy electrodes.

36 (currently amended) The SAW filter of Claim 31, further comprising wherein

a third inter-digital transducer, which is connected between the signal path and a ground, is arranged in proximity to said first inter-digital transducer and on a side of said first inter-digital transducer and on a side of said first inter-digital transducer and on a side of said transducer is arranged in proximity to the first inter-digital transducer.

37 (currently amended) The SAW filter of Claim 36,

wherein <u>a</u>resonance frequency of <u>said</u>the third inter-digital transducer is different from <u>said</u> resonance frequency of <u>said</u>the first inter-digital transducer.

38 (currently amended) The SAW filter of Claim 31, <u>further comprisingwherein</u> a fourth inter-digital transducer, <u>which is connected serially to the</u>a signal path, is arranged in proximity to <u>said second inter-digital transducer and on a side of said second inter-digital transduceran</u> opposite <u>saidside to such a side that the</u> first inter-digital

39 (currently amended) The SAW filter of Claim 38,

wherein <u>a</u> resonance frequency of <u>saidthe</u> fourth inter-digital transducer is different from <u>said</u> resonance frequency of <u>saidthe</u> second inter-digital transducer.

transducer is arranged in proximity to the second inter-digital transducer.

40 (currently amended) A SAW filter having SAW elements connected in multiple stages and using saidconfigured in such a manner that the SAW filter of Claim 31 is used as at least one SAW element-and the elements are connected in multiple stages.